

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: JASSEN et al.

Title: PREPARATION OF
SUPRAMOLECULAR
POLYMERS CONTAINING
QUADRUPLE HYDROGEN
BONDING UNITS IN THE
POLYMER BACKBONE

Appl. No.: Not Yet Assigned

Filing Date: Herewith

Examiner:

Art Unit:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

Documents A1 to A7 were cited in the International Search Report, a copy of which is supplied herewith. As such, copies of references A1 to A7 are not attached.

A copy of references A8 to A10 are being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be

appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

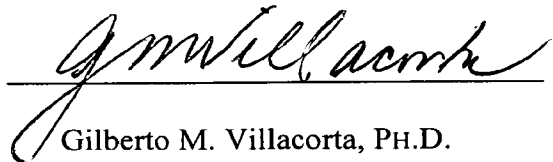
Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date: May 3, 2006

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By



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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
Date Submitted: May 3, 2006				Attorney Docket Number	
(use as many sheets as necessary)				069818-3000	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A1	WO	98/14504 A			April 9, 1998		
	A2	WO	03/059964 A			July 24, 2003		
	A3	EP	1310533 A			May 14, 2003		
	A4	WO	02/098377 A			December 12, 2002		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A5	BRUNSVELD L ET AL., "Supramolecular Polymers", Chemical Reviews, vol. 1, December 2001, Pages 4071-4097, XP002267453.	
	A6	KATO T., "Supramolecular liquid crystal polymers. Formation of Molecular Self-Organized Structures and Their Functionalization", Kobunshi Ronbunshu (Japanese Polymer Science and Technology)	
	A7	EL-GHAYOURY A ET AL., "Supramolecular Hydrogen-bonded oligo(p-phenylene vinylene) Polymers", Angewandte Chemi, Wiley-Vch, Weinheim, DE, vol. 40, no. 19, 2001, pages 3000-3003. XP002200390	
	A8	GUAN et al., "Modular Domain Structure: A Biomimetic Strategy for Advanced Polymeric Materials", J. Am. Chem. Soc., vol. 126, pages 2058-2065, 2004.	
	A9	ROLAND et al., "Synthesis of Titin-Mimicking Polymers Having Modular Structures by Using Noncovalent Interactions", Polymer Preprints, vol. 44 (1), pages 726-727, 2003.	
	A10	GUAN et al., "Synthesis and Single-molecule studies of Modular Polymers Using Precise Hydrogen Bonding Interactions", Polymer Preprints, vol. 44(2), pages 485-486, 2003.	

Examiner Signature	/Duc Truong/	Date Considered	01/11/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.